

## **CLAIMS**

### **What is claimed is:**

1           1. A disc cartridge storage case, comprising:  
2           a first cover portion;  
3           an intermediate portion connected to the first cover portion by a first hinge;  
4           a second cover portion connected to the intermediate portion by a second  
5 hinge, said first and second cover portions each being pivotable relative to the  
6 intermediate portion between respective open and closed positions; and  
7           said intermediate portion being provided with a holder for a disc cartridge,  
8           said holder having a slot, and said case having at least one projection extending into  
9           the slot for engaging a corresponding hole in a cartridge for holding the cartridge in  
10          the slot.

1           2. The disc cartridge storage case according to claim 1, wherein said at least  
2          one projection comprises first and second pins extending into the slot.

1           3. The disc cartridge storage case according to claim 1, wherein said holder  
2          comprises a first rigid support and a second flexible support, said slot is defined  
3          between facing surfaces of said first and second supports, and said at least one  
4          projection extends from said second flexible support and is flexible away from said  
5          first rigid support to allow a cartridge to be slipped into and out of the slot.

1           4. The disc cartridge storage case according to claim 3, wherein said at least  
2 one projection comprises first and second pins extending from said second flexible  
3 support into the slot.

1           5. The disc cartridge storage case according to claim 3, wherein said holder is  
2 arranged so that said second cover portion prevents the second flexible support of the  
3 holder from flexing outward when the second cover portion is in its closed position.

1           6. The disc cartridge storage case according to claim 5, wherein said holder is  
2 positioned on the intermediate portion closer to the second cover portion than to the  
3 first cover portion.

1           7. The disc cartridge storage case according to claim 1, wherein said holder is  
2 arranged so that said second cover portion prevents said at least one projection from  
3 moving outward from the slot when the second cover portion is in its closed position.

1           8. The disc cartridge storage case according to claim 1, wherein said at least  
2 one projection has a beveled end to facilitate insertion and removal of a cartridge from  
3 the slot.

1  
1           9. The disc cartridge storage case according to claim 1, wherein outer surfaces  
2 of said first and second cover portions and said intermediate portion are substantially  
3 coplanar with each other when said first and second cover portions are in their open  
4 positions, and said holder extends from said intermediate portion such that said slot

5 opens in a direction perpendicular to a plane containing said first and second cover  
6 portions in their open positions.

1 10. The disc cartridge storage case according to claim 1, wherein said holder  
2 further comprises at least one hole arranged to be aligned with a corresponding hole in  
3 a disc cartridge when the cartridge is seated in the slot of the holder, and wherein said  
4 at least one projection comprises at least one pin extending from the second cover  
5 portion, said at least one pin being aligned with said at least one hole of the holder as  
6 the second cover portion moves into its closed position to protrude through said at  
7 least one hole of the holder and into the corresponding hole of the disc cartridge.

1 11. The disc cartridge storage case according to claim 1, wherein said first  
2 cover portion includes a means for displaying printed graphics and instructional  
3 material.

1 12. The disc cartridge storage case according to claim 1, wherein said first  
2 and second cover portions and said intermediate portion comprise the front, back and  
3 middle panels, respectively, of a clam-shell type case made of polypropylene.

1 13. The disc cartridge storage case according to claim 1, wherein said holder  
2 is arranged to support a disc cartridge perpendicular to an outer planar surface of said  
3 intermediate portion.

1           14. The disc cartridge storage case according to claim 1, wherein said holder  
2 comprises a flexible support on one side of said slot, and said at least one projection  
3 extends from said flexible support and is movable away from a position of  
4 equilibrium to allow a cartridge to be slipped into and out of the slot when the case is  
5 opened.

1           15. The disc cartridge storage case according to claim 1, wherein said holder  
2 comprises a rigid support and a pair of flexible supports extending in a cantilever  
3 fashion from the intermediate portion, said slot is defined between facing surfaces of  
4 said rigid support and said flexible supports, and said at least one projection  
5 comprises a pair of projections extending from the flexible supports into said slot for  
6 engaging corresponding holes in the cartridge.

1           16. The disc cartridge storage case according to claim 1, further comprising a  
2 U-shaped rib formed integral with and projecting from an inner planar surface of the  
3 second cover portion toward an inner planar surface of the first cover portion, said U-  
4 shaped rib having an inner periphery that corresponds closely with an arcuate outer  
5 periphery of a disc cartridge to be held within said case.

1           17. In combination, a cartridge and a cartridge storage case, said cartridge  
2 having a housing with at least one hole formed therein, said cartridge storage case  
3 comprising:  
4           a front panel;  
5           a middle panel connected to the front panel by a first hinge;

6           a back panel connected to the middle panel by a second hinge, said front and  
7 back panels each being pivotable relative to the middle panel between respective open  
8 and closed positions; and

9           a holder provided on the middle panel for holding the cartridge, said holder  
10 having a slot into which said cartridge is insertable, and said case having at least one  
11 projection extending resiliently into the slot for engaging said at least one hole in the  
12 housing of the cartridge for holding the cartridge within the slot.

1           18. The combination according to claim 17, wherein said at least one hole  
2 comprises a plurality of blind holes formed in the housing of said cartridge, and said  
3 at least one projection comprises a plurality of projections arranged to extend  
4 resiliently into the blind holes when the cartridge is in the slot of the holder.

1           19. The combination according to claim 17, wherein said at least one  
2 projection is provided on said holder and has a beveled surface that causes the  
3 projection to flex outward upon inserting and removing said cartridge from said slot.

1           20. The combination according to claim 17, wherein said at least one  
2 projection extends from a flexible support of the holder, and said flexible support is  
3 prevented from flexing away from said cartridge by said back panel when the back  
4 panel is in its closed position.

1           21. The combination according to claim 17, wherein said holder is arranged to  
2 hold said cartridge perpendicular to an outer planar surface of said middle panel.

1           22. The combination according to claim 17, wherein said front panel includes  
2   a means for displaying printed graphic material.

1           23. A disc cartridge presentation stand, comprising:  
2           a holder for holding a cartridge, said holder having a slot into which said  
3   cartridge can be inserted, and at least one projection extending resiliently into the slot  
4   for engaging a corresponding recess in the cartridge for holding the cartridge within  
5   the slot.

1           24. The disc cartridge presentation stand according to claim 23, wherein said  
2   at least one projection comprises first and second pins extending into the slot, said  
3   pins being resiliently movable in a direction perpendicular to a direction of insertion  
4   of the disc cartridge into said slot.

1           25. The disc cartridge presentation stand according to claim 23, wherein said  
2   holder comprises a first rigid support and a second flexible support, said slot is  
3   defined between facing surfaces of said first and second supports, and said at least one  
4   projection extends from said flexible support and is flexible away from said first rigid  
5   support to allow a cartridge to be slipped into and out of the slot.

1           26. The disc cartridge presentation stand according to claim 23, wherein said  
2   at least one projection has a beveled end to facilitate insertion and removal of a  
3   cartridge from the slot.

1           27. The disc cartridge presentation stand according to claim 23, wherein said  
2 holder is attached to a middle panel of a clam-shell type storage case.

1           28. An apparatus for transporting and displaying multiple disc cartridges,  
2 comprising a tray and a plurality of disc cartridge presentation stands arranged in a  
3 two-dimensional matrix on said tray, said disc cartridge presentation stands each  
4 having a structure as set forth in claim 21.